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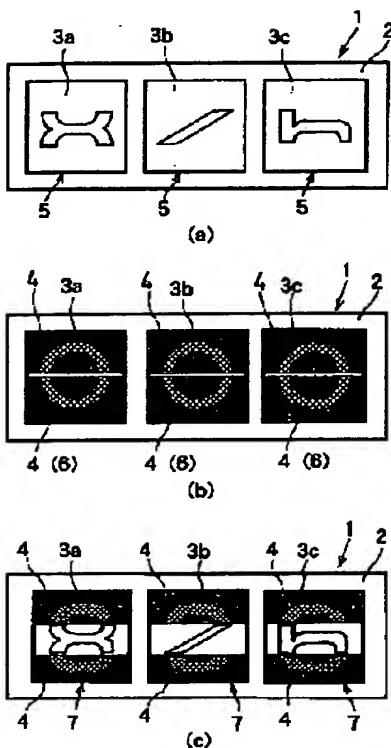
Summary

(57) [Abstract]

[Technical problem] By carrying out colorful production, the game machine which raised the interest of a game to the maximum is offered.

[Means for Solution] It was prepared in each train of the pattern display 1, and a pattern cover means to cover the pattern displayed on the display 2 of the pattern display 1 with the cover pattern 4, and the cover control means which control the amount of cover and the timing to cover of the pattern which covers in the cover pattern 4 of a pattern cover means were prepared. Thus, by constituting, by controlling to necessary the amount of cover and cover timing at the time of covering the pattern displayed on the display 2 of the pattern display 1 with a pattern cover means by cover control means, it becomes possible to carry out colorful production, and the game machine which raised the interest of a game to the maximum can be offered.

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CLAIMS

[Claim(s)]

[Claim 1] The game machine which is becoming it a great success when the combination of the pattern of each train which was made to indicate the pattern of two or more trains of pattern display by change based on game conditions, and was stopped characterized by providing the following is the combination of a specific pattern A pattern cover means to cover the aforementioned pattern which is prepared in each train of the aforementioned pattern display, and is displayed on the

aforementioned pattern display with a cover pattern Cover control means which control the amount of cover and the timing to cover of the pattern covered in the cover pattern of the aforementioned pattern cover means

[Claim 2] The cover pattern of the aforementioned cover means is allotted to the upper and lower sides or right and left of the aforementioned pattern display of the viewing area of each train by the couple. to the aforementioned viewing area of each train The 1st pattern in the state where the cover pattern of the aforementioned couple opened fully, and the 2nd pattern in the state where the cover pattern of the aforementioned couple carried out the close by-pass bulb completely, The game machine according to claim 1 characterized by for the 3rd pattern and ** with which the 1st pattern of the above and the 2nd pattern in the state where the cover pattern of the aforementioned couple was half-open were combined being chosen by the aforementioned cover control means, and displaying them.

[Claim 3] The game machine according to claim 1 or 2 characterized by great success and the bird clapper when the combination of the 1st pattern of the above which each train of the aforementioned pattern display stopped, the 2nd pattern of the above, or the 3rd pattern of the above turns into combination of a specific pattern.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] Especially this invention relates to the game machine which raises the interest of a game to the maximum extent about game machines, such as a pachinko machine and a pachislot machine.

[0002]

[Description of the Prior Art] From the former, the game machine with which they are becoming it a great success when three patterns of the pattern right stop in the

combination of a specific pattern is known, for example among the pattern left by which it is indicated by adjustable at the viewing area of pattern display, and the pattern. As such a game machine, in the patent No. 3055685 official report The state where a pattern cannot be checked by looking by concealment methods by preparing the concealment methods which consist of a character concealed among three patterns so that a game person cannot check by looking easily the pattern by which a change halt is carried out at the last, and operating these concealment methods. While a game person's interest is suitable also to the change display to patterns other than the pattern concealed by making it change to the state where a pattern can be checked by looking without the ability checking concealment methods by looking It does not know what a change indication of the concealed pattern is given, but the pachinko machine which enlivened a game person's hope is indicated. By turning off at the last the change display of patterns other than the pattern by which a change halt is carried out, and enabling it to check by looking especially the change display of a pattern by which cancels concealment methods and a change halt is carried out at the last to a game person, when it is in the so-called reach state which is the combination of the pattern to which the pattern at the time of this halt may be becoming it a great success, it is constituted so that a hope fresh to a game person may be given.

[0003] However, in the above-mentioned pachinko machine, the character which conceals the pattern by which a change halt indication of the concealment methods is given only concealed the pattern, is unrelated, and did not come to raise a game person's interest and hope effectively. [of the pattern which constitutes combination for the specific pattern which is becoming it a great success] Moreover, it fades gradually as the freshness by canceling concealment methods at the time of reach also continues a game, and it makes a game person produce weariness.

[0004]

[Problem(s) to be Solved by the Invention] Then, this invention aims at offering the game machine which covers effectively the pattern by which it is indicated by change halt to pattern display by the cover means, in order to have been made in view of the above-mentioned situation and to raise a game person's interest to the maximum.

[0005]

[Means for Solving the Problem] In order to attain the above-mentioned purpose, among this inventions invention according to claim 1 It is the game machine which is becoming it a great success when the combination of the pattern of each train which was made to indicate the pattern of two or more trains of pattern display by change based on game conditions, and was stopped is the combination of a specific pattern. It is prepared in each train of pattern display, and is characterized by providing a pattern cover means to cover the pattern displayed on pattern display with a cover pattern, and the cover control means which control the amount of

cover and the timing to cover of the pattern which covers in the cover pattern of a pattern cover means.

[0006] this invention can adjust the amount which covers the pattern by which it is indicated by change halt in a cover pattern to pattern display, and the timing to cover to necessary by controlling a pattern cover means by cover control means with constituting in this way.

[0007] In order to attain the above-mentioned purpose, among this inventions moreover, invention according to claim 2 The cover pattern of a cover means is allotted to the upper and lower sides or right and left of pattern display of the viewing area of each train by the couple. to the viewing area of each train It is characterized by for the 3rd pattern and ** with which the 1st pattern in the state where the cover pattern of a couple opened fully, the 2nd pattern in the state where the cover pattern of a couple carried out the close by-pass bulb completely, and the 1st pattern and 2nd pattern in the state where the cover pattern of a couple was half-open were combined being chosen by cover control means, and displaying them.

[0008] this invention can choose and display the 3rd pattern by which a pattern, the 2nd pattern, and the 1st pattern and 2nd pattern were combined with the viewing area of each train of pattern display with a cover control unit with constituting in this way. [1st]

[0009] Moreover, among this inventions, in order to attain the above-mentioned purpose, invention according to claim 3 is characterized by great success and the bird clapper, when the combination of the 1st pattern which each train of pattern display stopped, the 2nd pattern, or the 3rd pattern turns into combination of a specific pattern.

[0010] this invention can give a variation to the combination of the pattern which is becoming it a great success with constituting in this way.

[0011]

[Embodiments of the Invention] The game machine of the gestalt of 1 operation of this invention is explained based on drawing 1 or drawing 7 . In addition, in the following explanation, the same sign is taken as the same portion or a considerable portion. This game machine indicates the pattern of each viewing areas 3a, 3b, and 3c of the display 2 of the pattern display 1 by change based on game conditions. It is the game machine which is becoming it a great success when the combination of the pattern of each stopped viewing areas 3a, 3b, and 3c is the combination of a specific pattern. To the upper and lower sides or right and left of the display 2 of the above-mentioned pattern display 1 of each viewing areas 3a, 3b, and 3c The state where allot the cover pattern 4 of a pattern cover means by the couple, and the pattern by which it is indicated by change is not covered by each viewing areas 3a, 3b, and 3c in the cover pattern 4 (refer to (a) of drawing 1 called a full open state hereafter), The state where the pattern by which it is indicated by change was altogether intercepted in the cover pattern 4 (hereafter with ((a) reference of b) and drawing 7) of (drawing 1 called a close-by-pass-bulb-completely state) The state where

the pattern by which it is indicated by change was covered only for the half in the cover pattern 4 (it has structure hereafter displayed with three gestalten of ((c) reference of c) and drawing 7) and ** of (drawing 1 called a half-opening state.) [0012] By this to each viewing areas 3a, 3b, and 3c of the pattern display 1 The 1st pattern 5 displayed when the above-mentioned cover pattern 4 is in a full open state, The 2nd pattern 6 displayed when a cover pattern is in a close-by-pass-bulb-completely state, and the 1st pattern 5 of the above displayed when a cover pattern is in a half-opening state and the 3rd pattern 7 which combined the 2nd pattern 6, ***** can become possible and a game person's interest can be raised by displaying the pattern of various gestalten. Moreover, while changing variously the timing which covers the pattern by which it is indicated by change halt with the cover pattern 4 in this game machine By considering as great success, when the combination of the 1st pattern 5 which each viewing areas 3a, 3b, and 3c of the pattern display 1 stopped, the 2nd pattern 6, or the 3rd pattern 7 turns into combination of a specific pattern While being able to give unexpected nature to a game, a variation can be given to the combination of the pattern which is becoming it a great success, and it becomes possible to raise a game person's interest to the maximum.

[0013]

[Example] Next, the game machine in this invention is explained concretely.

[0014] (Example 1) The example of this game machine is explained. In addition, in the following explanation, the same sign is taken as the same portion or a considerable portion. As shown in drawing 1 , each becomes independent in the abbreviation center section of the game field (not shown), and rotation and a halt are possible for this example. And reel left 3a which allotted two or more patterns to the peripheral face, 3in reel b, and reel right 3c are installed. When the combination of the pattern which each reels 3a, 3b, and 3c displayed on the display 2 of the above-mentioned pattern display 1 stopped is the combination of a specific pattern, it can set to the pachinko machine which will be in a special game state (great success) advantageous to a game person.

[0015] As shown in drawing 3 , in the pachinko machine of this example Members 8 and 9 are allotted. the shutter as the above-mentioned pattern cover means allotted to each reels 3a, 3b, and 3c by the vertical couple -- the cover control unit 10 (refer to drawing 5) -- a shutter -- by changing the amount of opening and closing of members 8 and 9 to a full open state (referring to (a) of drawing 4), a close-by-pass-bulb-completely state (referring to (b) of drawing 4), or a half-opening state (referring to (c) of drawing 4) according to necessary each shutter -- the amount of cover of the pattern (pattern drawn on each reels 3a, 3b, and 3c) by which change and a halt indication are given is changed to the display 2 of the pattern display 1 covered by members 8 and 9 thereby -- the above-mentioned shutter, when members 8 and 9 are in a full open state the pattern (the 1st pattern 5) of each reels 3a, 3b, and 3c -- the display 2 of the pattern display 1 -- change and a halt

display -- carrying out -- moreover, a shutter, when members 8 and 9 are in a close-by-pass-bulb-completely state The cover pattern 4 (the 2nd pattern 6) drawn on the covered sections 8a and 8b of members 8 and 9 is displayed on the display 2 of the pattern display 1. an up-and-down shutter -- furthermore, a shutter -- when members 8 and 9 are in a close-by-pass-bulb-completely state, the pattern (the 3rd pattern 7) with which the pattern (the 1st pattern 5) allotted to the reel and the cover pattern 4 (the 1st pattern 6) were combined is displayed on the display 2 of the pattern display 1

[0016] next, the shutter as the above-mentioned pattern cover means -- the detail of members 8 and 9 is explained the above-mentioned shutter -- members 8 and 9 are formed in the abbreviation symmetrical configuration by the upper and lower sides, and are shown in drawing 2 -- as -- each shutter -- members 8 and 9 are formed in the surroundings of the supporting point 11 which the covered sections 8a and 9a on which the cover pattern 4 was drawn allotted to the both sides of each reels 3a, 3b, and 3c possible [rotation] They are members 8 and 9 and a rotatable. moreover, an up-and-down shutter -- members 8 and 9 -- a shutter -- the shutter of the upper and lower sides which are connected with the extension spring 12 energized to the side which closes members 8 and 9, and counter further -- one side of the edge of members 8 and 9 -- each shutter -- and the connection formed in the shape of abbreviation for H characters -- it connects through a member 13 -- having -- **** -- connection -- behind the member 13 (right-hand side in drawing 2), the solenoids 14 and 15 from which the stroke of a shaft differs are arranged by the vertical couple

[0017] And if the solenoid 14 of a side with a long stroke operates based on control of the cover control unit 10 (refer to drawing 5) as cover control means A member 13 is pressed towards the front (left-hand side in drawing 2). the shaft of the solenoid 14 concerned -- connection -- thereby while the above-mentioned extension spring 12 is elongated -- the shutter of a vertical couple -- members 8 and 9 -- the surroundings of the each supporting point 11 -- synchronizing -- rotating -- the shutter as a pattern cover means -- members 8 and 9 will be in a full open state (refer to (a) of drawing 1 , and (a) of drawing 4) moreover -- if the solenoid 15 of a side with a short stroke operates -- the shaft of the solenoid 15 concerned -- connection -- a member 13 presses towards the front (left-hand side in drawing 2) -- having -- thereby -- the shutter as a pattern cover means -- members 8 and 9 will be in a half-opening state (refer to (c) of drawing 1 , and (c) of drawing 4) moreover, the shutter of the upper and lower sides with an extension spring 12 when the both sides of solenoids 14 and 15 which allotted up and down are not operating -- members 8 and 9 draw near mutually -- having -- the shutter as a pattern cover means -- members 8 and 9 will be in a close-by-pass-bulb-completely state (refer to (b) of drawing 1 , and (b) of drawing 4)

[0018] In addition, although drawing 1 showed the case where the display state (a full open state, a close-by-pass-bulb-completely state, half-opening state) of the

pattern display 1 was in a state uniform at each viewing areas 3a, 3b, and 3c that these indicated an example of a display to be — it is — the shutter as a pattern cover means — the amount of cover of each reels 3a, 3b, and 3c covered by members 8 and 9 each reels 3a and 3b and every 3c — differing — **** (refer to (b) of drawing 7) — necessary — responding — the shutter of each reels 3a and 3b and every 3c — what is necessary is just to choose the amount of cover of members 8 and 9 moreover, the shutter in each viewing areas (reel) 3a, 3b, and 3c — as for the timing which makes members 8 and 9 open and close, it is possible to make it change according to necessary based on control of the cover control unit (cover control means) 10 (to refer to drawing 5)

[0019] Moreover, although the solenoid 14 and solenoid 15 from which a stroke differs mutually were controlled by the above-mentioned cover control unit (cover control means) 10 (refer to drawing 5) and the display state of the pattern display 1 was changed to three states, a full open state, a close-by-pass-bulb-completely state, and a half-opening state, with it in this example The display state of the pattern display 1 may not be limited to the three above-mentioned modes, may carry out additional installation of the solenoid (not shown) with the middle stroke with a solenoid 14 and a solenoid 15 in a necessary position, and may establish the display state of the middle opening of a full open state and a half-opening state. furthermore — this example — each reels 3a, 3b, and 3c — the shutter as a pattern cover means, although members 8 and 9 were prepared and constituted the pachinko machine which equipped LCD with the pattern display 1 which indicates the pattern by adjustable — setting — a shutter — instead of covering Reels 3a, 3b, and 3c by members 8 and 9, the display of a display 2 is made to **** so that it may not be visible to a game person, and you may constitute so that the pattern which consists of an accessory may be made to appear Moreover, although this example mentioned and explained the pachinko machine to an example, it is not limited to this and a game machine can be applied to a pachislot machine etc.

[0020] Next, an operation of the pachinko machine of this example is explained. for example, the shutter as a pattern cover means — in case members 8 and 9 are in a close-by-pass-bulb-completely state, when the 2nd pattern 6 displayed on a display 2 is "O", the pattern of each viewing areas 3a, 3b, and 3c of ((b) reference of drawing 1) and the display 2 of the pattern display 1 presupposes that it stopped by "x","/", and "h", respectively (refer to (a) of drawing 1) at this time, it is shown in (c) of drawing 1 — as — the shutter as a pattern cover means, when members 8 and 9 are in a half-opening state "8", "Z", and "6" will be displayed on each viewing areas 3a, 3b, and 3c of the display 2 of the pattern display 1 by combining with the cover pattern 4 "O" each pattern "x" drawn on each reels 3a, 3b, and 3c,"/", and "h", respectively.

[0021] thus, the pachinko machine of this example — each viewing areas 3a, 3b, and 3c of the display 2 of the pattern display 1 — the shutter as a pattern cover means — with the 1st pattern 5 displayed on a display 2 when members 8 and 9 are in a

full open state a shutter -- with the 2nd pattern 6 displayed on a display 2 when members 8 and 9 are in a close-by-pass-bulb-completely state a shutter -- when members 8 and 9 are in a half-opening state, the 3rd pattern 7 which combined the 1st pattern 5 of the above displayed on a display 2 and the 2nd pattern 6, and the pattern from which the pattern of ** differs can be displayed, and the display which was rich in change is attained

[0022] (Example 2) The example of this game machine shown in drawing 6 and drawing 7 is explained. In addition, in the following explanation, the same sign is taken as the same portion or a considerable portion. Moreover, the portion with same game machine and structure of an example 1 which were mentioned above omits the explanation. Reel left 3a which, as for this game machine, each matched independently with two or more patterns for the peripheral face possible [rotation and a halt], It installs so that the display 2 of the pattern display 1 may be faced 3in reel b, and reel right 3c, and when the combination of the pattern of each stopped reels 3a, 3b, and 3c displayed on the above-mentioned display 2 is the combination of a specific pattern, it can set to the pachislot machine which is becoming it a great success.

[0023] Members 8 and 9 are allotted. the shutter as an above-mentioned pattern cover means by which the pachislot machine shown in drawing 6 and drawing 7 was arranged on each reels 3a, 3b, and 3c by the vertical couple -- the shutter of each reels 3a, 3b, and 3c -- by changing the amount of opening and closing of members 8 and 9 to a full open state, a close-by-pass-bulb-completely state, or a half-opening state according to necessary the pattern by which it is indicated by change halt at the display 2 of the pattern display 1 -- each shutter -- it has the structure of changing the amount of cover covered by members 8 and 9 thereby -- the above-mentioned shutter, when members 8 and 9 are in a full open state (refer to (a) of drawing 4) The pattern (the 1st pattern 5) drawn on each reels 3a, 3b, and 3c is indicated by change halt at the display 2 of the pattern display 1. moreover, a shutter, when members 8 and 9 are in a close-by-pass-bulb-completely state (refer to (b) of drawing 4) The cover pattern 4 (the 2nd pattern 6) drawn on the covered sections 8a and 9a of members 8 and 9 is displayed on the display 2 of the pattern display 1. an up-and-down shutter -- furthermore, a shutter -- when members 8 and 9 are in a half-opening state (refer to (c) of drawing 4), it becomes possible to display the 3rd pattern 7 with which the pattern (the 1st pattern 5) allotted to each reels 3a, 3b, and 3c and the cover pattern 4 (the 2nd pattern 6) were combined on the display 2 of the pattern display 1

[0024] in addition, the pattern by which it is indicated by change halt at each train of the display 2 of the pattern display 1 -- a shutter -- as for the timing covered in the cover pattern 4 of members 8 and 9, it is possible to make it change with control of th cover control unit (cover control means) 10 (to refer to drawing 5) according to necessary Moreover, although this example mentioned and explained the pachislot machine to an example, it is not limited to this and a game machine can be applied

to a pachinko machine etc.

[0025] Next, an operation of the pachislot machine of this example is explained. here -- the shutter of a vertical couple -- the case where "BAR" (refer to drawing 6) is drawn on each covered sections 8a and 9a of members 8 and 9 as a cover pattern 4 is mentioned as an example, and is explained (a) of drawing 6 shows the state where reel left 3a stopped in the pattern in which three "BAR(s)" was drawn on lengthwise from the state where an adjustable indication of the display of each viewing areas 3a, 3b, and 3c of the display 2 of the pattern display 1 was given. It will be in a reach state from this state because 3in reel b stops in the same pattern as reel left 3a (refer to (b) of drawing 6), and reel right 3c concentrates a game person on making it stop in the same pattern as reel left 3a and 3in reel b, i.e., the pattern in which three "BAR(s)" was drawn on lengthwise.

[0026] and the pattern on which one "BAR" was drawn for reel right 3c -- stopping (referring to (c) of drawing 6), although " becomes gap" and a game person's interest shifts to the following game in an instant To the timing which this reel right 3c stopped in the pattern on which one "BAR" was drawn control of the cover control unit (cover control means) 10 -- a shutter, as it operates, and members 8 and 9 are changed into a half-opening state and shown in (d) of drawing 6 each shutter -- by combining "BAR" by which a halt indication of the pattern of "BAR" as a cover pattern 4 drawn on the covered sections 8a and 9a of members 8 and 9 and the reel right 3c was given The pattern in which three "BAR(s)" was drawn on lengthwise is formed, and the patterns of each reels 3a, 3b, and 3c displayed on the display 2 of the pattern display 1 by this are "becoming it a great success" together.

[0027] thus, the cover control unit (cover control means) 10 -- the shutter as a pattern cover means -- while being able to give unexpected nature to a game by controlling the amount of cover which covers the pattern by which it is indicated by adjustable halt to the display 2 of the pattern display 1, and the timing to cover by members 8 and 9 to necessary, it becomes possible to give a variation to the combination of the pattern which is becoming it a great success in addition, the shutter attached to reel right 3c in this example shown in drawing 6 among each reels 3a, 3b, and 3c arranged on three trains, although the display mode of the display 2 of the pattern display 1 which only members 8 and 9 operate and has only reel right 3c in a half-opening state was shown There are various variations in this display mode. for example, (a) of drawing 7 An example of a display of the display 2 of the pattern display 1 in case members 8 and 9 are in a close-by-pass-bulb-completely state by each reels 3a, 3b, and 3c is shown. a shutter -- (b) of drawing 7 An example of a display of the display 2 of the pattern display 1 in the case of being in the state (a full open state, a close-by-pass-bulb-completely state, half-opening state) where members 8 and 9 differ by each reels 3a, 3b, and 3c is shown. a shutter -- (c) of drawing 7 a shutter -- an example of a display of the display 2 of the pattern display 1 in case m mb rs 8 and 9 are half-closed states by each reels 3a, 3b, and 3c is shown

[0028]

[Effect of the Invention] Since a pattern cover means cover the pattern which is prepared in each train of pattern display and displayed on pattern display with a cover pattern, and the cover control means which control the amount of cover and the timing to cover of the pattern which covers in the cover pattern of a pattern cover means provided among this inventions according to invention according to claim 1, it becomes possible to carry out colorful production, and the game machine which raised the interest of a game to the maximum can provide.

[0029] According to invention according to claim 2, among this inventions moreover, to the viewing area of each train The 1st pattern in the state where the cover pattern of a couple opened fully, and the 2nd pattern in the state where the cover pattern of a couple carried out the close by-pass bulb completely, Since the 3rd pattern and ** with which the 1st pattern and 2nd pattern in the state where the cover pattern of a couple was half-open were combined are chosen by cover control means and displayed It becomes possible to give a variation to the pattern displayed on the display of pattern display, and to carry out colorful production to it, and the game machine which raised the interest of a game to the maximum can be offered.

[0030] Moreover, since it is becoming it a great success according to invention according to claim 3 among this inventions when the combination of the 1st pattern which each train of pattern display stopped, the 2nd pattern, or the 3rd pattern turns into combination of a specific pattern It becomes possible to give a variation to the combination of the pattern which is becoming it a great success, and to carry out colorful production to it, and the game machine which raised the interest of a game to the maximum can be offered.

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] (a) shows the state where the 1st pattern is displayed on the display of

pattern display, in explanatory drawing in the example 1 of the game machine of the gestalt of this operation, (b) shows the state where the 2nd pattern is displayed on the display of pattern display, and (c) shows in it the state where the 3rd pattern is displayed on the display of pattern display.

[Drawing 2] the shutter as a pattern cover means of the game machine of the gestalt of this operation — it is explanatory drawing of a member, and (a) is the perspective diagram showing the shutter member of a full open state, and (b) is the perspective diagram showing the shutter member of a close-by-pass-bulb-completely state

[Drawing 3] The state which shows the state where the shutter member as a pattern cover means was attached in each reel where it is a perspective diagram and each shutter member is in a close-by-pass-bulb-completely state especially is shown.

[Drawing 4] the shutter as a pattern cover means — (a) is the side elevation showing the shutter member of a full open state, it is explanatory drawing of a member and (c) is [(b) is the side elevation showing the shutter member of a close-by-pass-bulb-completely state, and] the side elevation showing the shutter member of a half-opening state

[Drawing 5] It is the block diagram showing the outline of the electric connection state of the game machine of the gestalt of this operation.

[Drawing 6] It is explanatory drawing in the example 2 of the game machine of the gestalt of this operation.

[Drawing 7] In explanatory drawing in the example 2 of the game machine of the gestalt of this operation, (a) shows an example of a display of the display of pattern display in case the shutter member as a pattern cover means is in a close-by-pass-bulb-completely state by each reel. (b) shows an example of a display of the display of the pattern display in the case of being in the state where the shutter members as a pattern cover means differ by each reel, and (c) shows an example of a display of the display of pattern display in case the shutter member as a pattern cover means is a half-closed state by each reel.

[Description of Notations]

1 Pattern Display

2 Display

4 Cover Pattern

5 1st Pattern

6 2nd Pattern

7 3rd Pattern

8 Shutter Member (Pattern Cover Means)

9 Shutter Member (Pattern Cover Means)

10 Cover Control Unit

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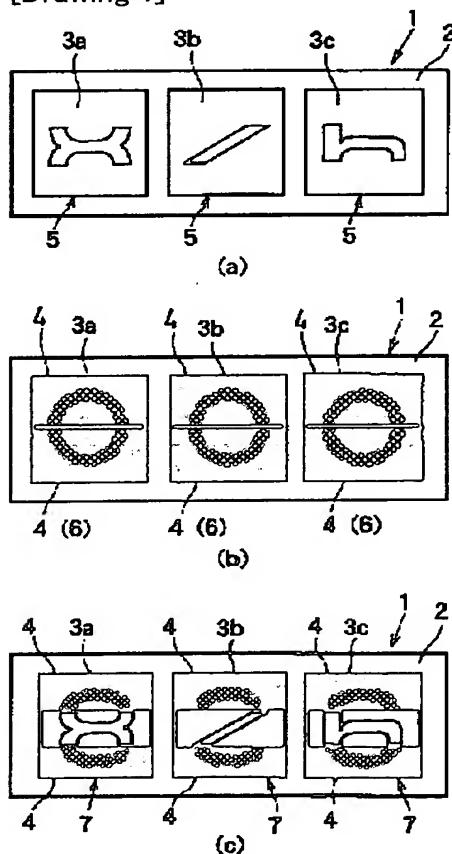
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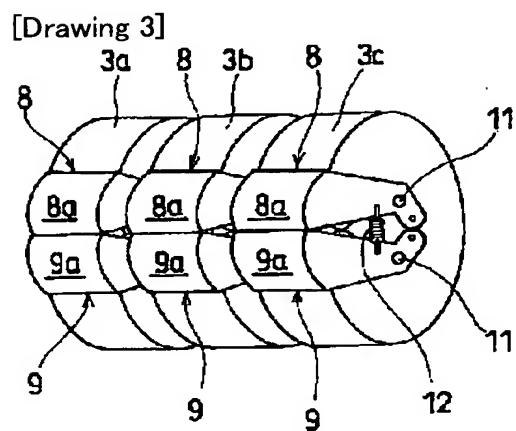
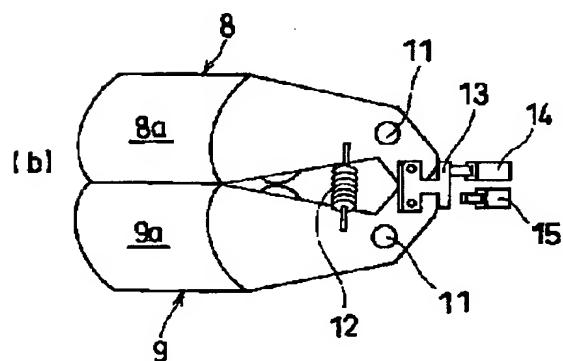
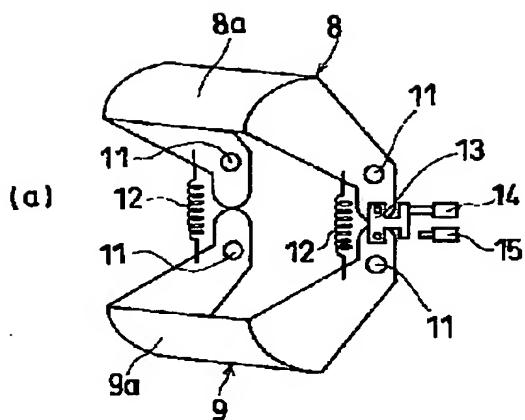
1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

DRAWINGS

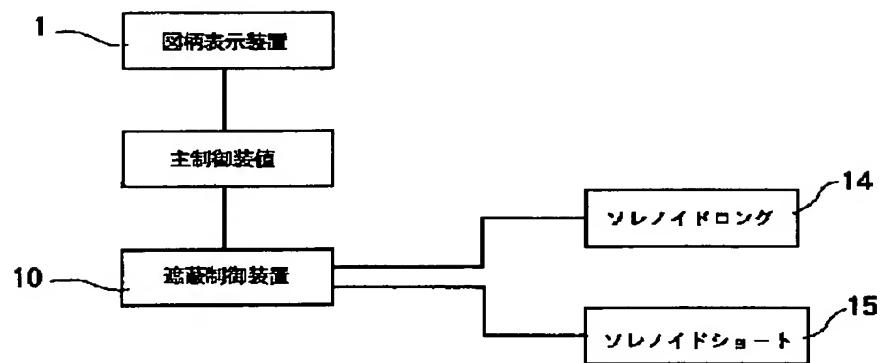
[Drawing 1]



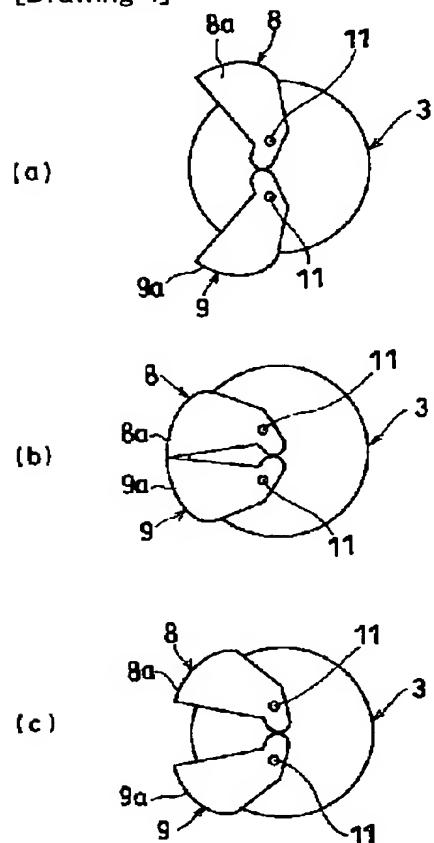
[Drawing 2]



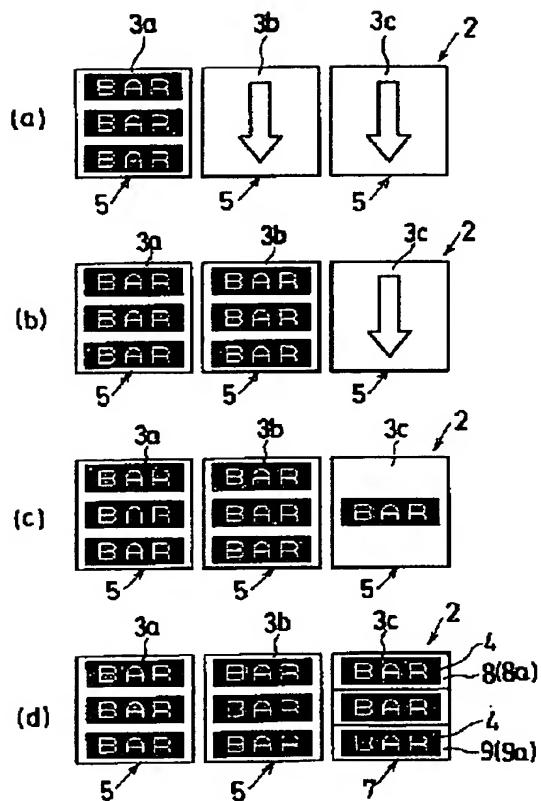
[Drawing 5]



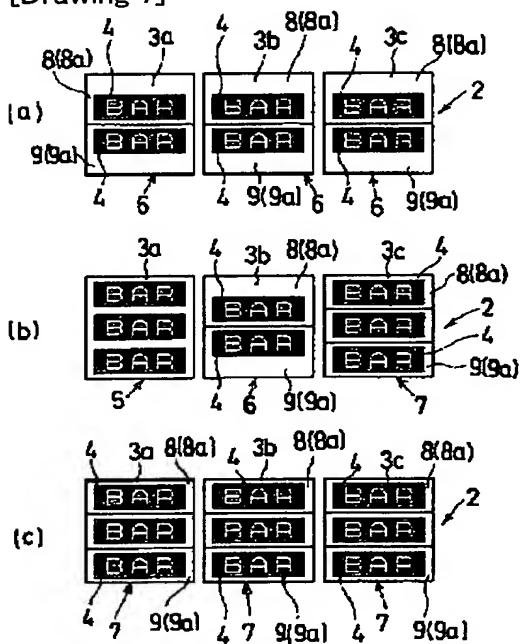
[Drawing 4]



[Drawing 6]



[Drawing 7]



[Translation done.]